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SUGAR REPORTS

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AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

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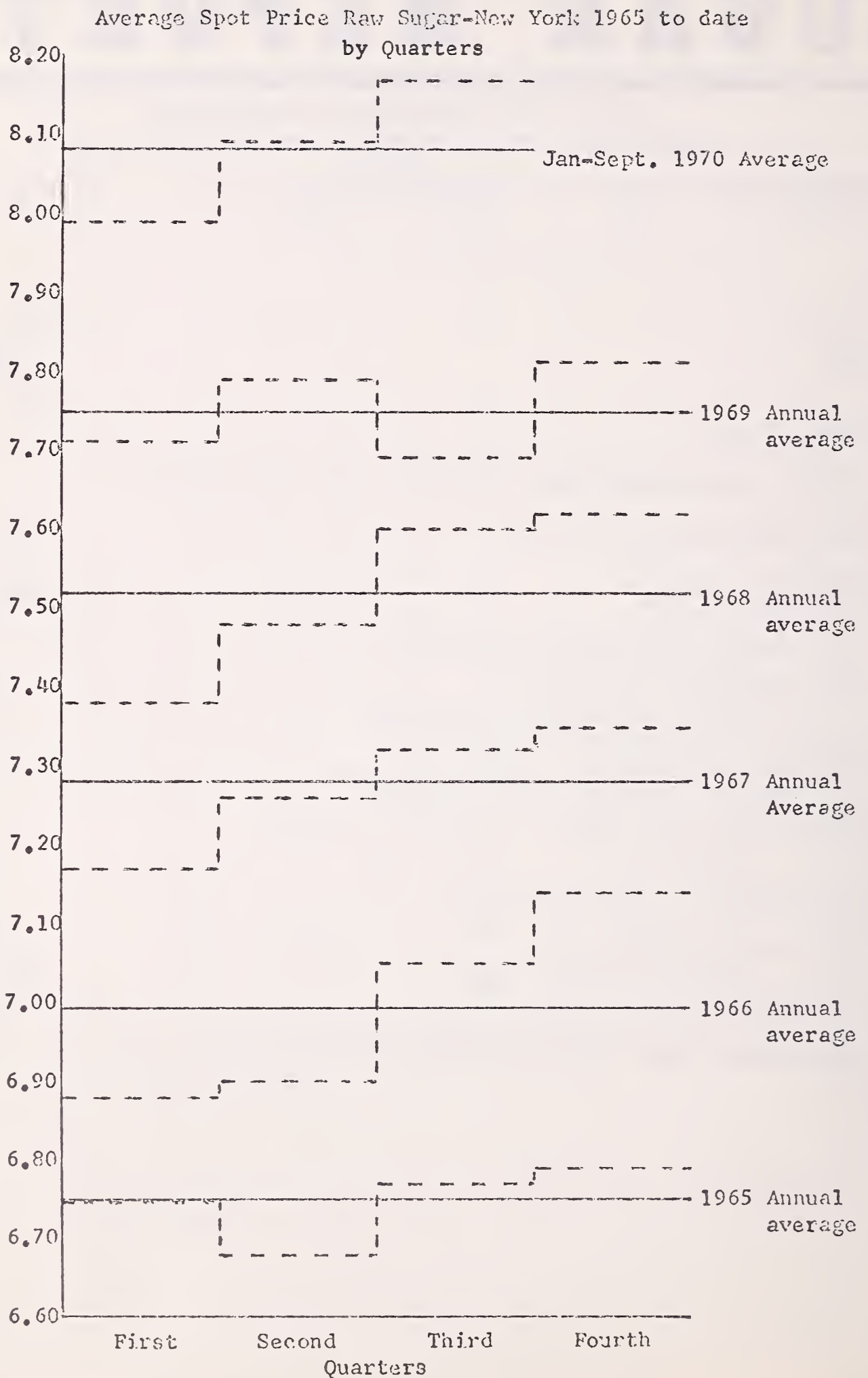
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MARKET REVIEW

On Nov. 9 the Department of Agriculture announced that the Secretary is considering a determination of consumers' sugar requirements for calendar year 1971 of 10.9 million short tons, raw value. Details of the proposed determination, including excerpts from the Statement of Bases and Considerations, are shown herein beginning on page 7.

Sugar sales by all primary distributors for consumption in the continental United States during 1970 continue at a record pace. Through Nov. 14 preliminary reports indicate that 9.9 million short tons, raw value, were distributed compared with 9.3 million and 9.4 million tons in those periods of 1969 and 1968. Inclusion of constructive deliveries in the year of actual delivery would bring total physical deliveries in the 1970 period to 9,924,000 tons, or 386,000 tons and 498,000 tons more, respectively, than physically delivered in the same periods of 1969 and 1968.

Reported deliveries through Nov. 14 of this year account for about 85 percent of the consumption requirements established for the year compared with deliveries of 86 percent and 85 percent, respectively, of the annual requirements, estimated for 1969 and 1968.

Cane sugar refiners reported distribution of 6,632,000 tons through Nov. 14, 1970. This was 264,000 tons more than during the comparable period of 1969, but 63,000 tons less than during that period of 1968. Beet sugar processors' deliveries in 1970 through Nov. 14 were reported as 3,075,000 tons, or 297,000 tons and 576,000 tons more, respectively, than during those periods of 1969 and 1968.

Regionally, reported deliveries of refined sugar during the first three quarters of 1970 were 6.4 percent above those of the similar quarters of last year. All of the five regions received more sugar with the North Central region up the most -- 10.1 percent -- followed by the mid-Atlantic up 4.9 percent, the South up 4.8 percent, the West up 4.7 percent and the New England up 1.4 percent.

Deliveries during the first three quarters of 1970 were larger for 40 States than in the first three quarters of 1969, and smaller for 10. In eight States, deliveries of sugar in the 1970 period were more than 500,000 hundredweight above those for the same period of 1969; in 24 States they increased by more than 100,000 hundredweight. Illinois had the largest reported increase, 2,032,000 hundredweight, followed by California, where deliveries increased 748,000 hundredweight, Ohio was up 737,000, Michigan

up 667,000 and Pennsylvania up 586,000 hundredweight.

Stocks of raw and refined sugar held by all primary distributors on Oct. 31, 1970 totaled 1,398,000 short tons, raw value, or about 353,000 tons more than a month earlier but 249,000 tons less than a year earlier, according to preliminary reports. Cane sugar refiners' stocks declined 13,000 tons during October and on Oct. 31 totaled 666,000 tons or 119,000 tons less than on that date last year. Beet processors' stocks showed some improvement during October reflecting the harvest of the crop currently in progress. On Oct. 31, beet processors' reported 696,000 tons on hand compared with 372,000 tons a month earlier and 769,000 tons on Oct. 31, last year.

The Department's Crop Reporting Board reported that U.S. sugar-beet production prospects declined one percent during October as a result of lower yield prospects in Montana, Idaho, Utah, Washington and Oregon. 1970 crop production is now expected to total 26.1 million tons of sugarbeets, six percent below last year's record crop but three percent above the 1968 crop.

Progress of the harvest was reported as generally good throughout the major sugarbeet areas during October. Wet weather and warm temperatures during September and early October in Ohio and Michigan improved prospects somewhat but harvest was slowed by wet fields and about 60 percent of the crop had been dug by Nov. 1. In the Red River Valley of Minnesota and North Dakota, harvest was virtually complete by Nov. 1. An early snowfall hampered harvesting operations in Nebraska and Colorado but 80 percent of the Nebraska crop had been dug and harvest was 60 percent complete in Colorado.

Digging in California was reported to be progressing favorably with all factories reporting above average sugar content and very good yields. Harvest of Arizona's spring planted beets was nearing completion by Nov. 1, with fall planting of sugarbeets completed about mid-October.

The November forecast for the production of sugarcane for sugar and seed was unchanged from a month earlier at 25.3 million tons, or 12 percent more than last year and two percent more than the 1968 crop.

The mainland sugarcane crop was reported in generally good condition despite continued wet weather in Louisiana during October where muddy fields and lodging have slowed harvest and adversely affected yields. In Florida, a few mills were expected to start harvest on Nov. 9 and the remainder will get under way about mid-month.

In Hawaii, favorable weather prevailed during October and by mid-month, four of the 23 sugar plantations had completed harvesting and grinding of the 1970 sugarcane crop. Hawaiian production through the week ending Nov. 7, 1970 totaled 1,126,472 tons of sugar, raw value, compared with 1,157,897 tons produced through Nov. 8 of last year.

Price quotations for refined sugar sold at wholesale in the basis pack -- 100-pound paper bags -- in the several geographic regions have remained relatively stable during the past two months. Since the last issue of Sugar Reports no new announcements of changes in the quotations were noted for any of the regions. There were, however, indications that in certain areas orders were being accepted for industrial sugars at prices considerably under list.

Shown below are the price quotations for refined sugar sold at wholesale in the basis pack by regions. Significant variations of actual prices from the quoted prices may be found in certain areas reflecting competitive conditions.

	<u>Cane</u>	<u>Beet</u>
	<u>Cents per pound in 100-pound paper bags</u>	
Northeast	12.20	
Southeast	11.65	
Gulf	11.15/11.40	
Eastern beet		11.45
Chicago-west	11.45	11.45
Lower Pacific	11.20	11.20
Northwest intermountain	11.05	11.05

The U.S. average retail price for refined sugar sold in 5-pound paper bags was 13.22 cents per pound during October, up from 13.16 cents in September and 12.50 cents in October of last year. For the Jan.- Oct. 1970 period the retail price averaged 12.89 cents per pound or 4.1 percent above the average for the first ten months of 1969.

The spot quotation for raw sugar duty paid and delivered to New York as quoted on the New York Coffee and Sugar Exchange averaged 8.14 cents per pound during October, down from 8.16 cents in September and up from 7.89 cents in October a year ago. The quotation began October on a strong note at 8.17 cents per pound compared with 8.14 cents at the end of September, but at mid-month began a decline reaching 8.10 cents per pound at month-end. On Nov. 1, the quotation was 8.05 cents and on Nov. 9 declined to 8.00 cents per pound and on Nov. 24 to 7.75 cents. On Nov. 24 the quotation was 7.75 cents per pound and for the period Nov. 1-24 averaged 8.00 cents compared with 7.81 cents during this period of last year.

The spot price for world sugar (No. 8 Contract) bagged f.o.b. and stowed at greater Caribbean ports, including Brazil, as quoted on the New York Coffee and Sugar Exchange, averaged 3.99 cents per pound in October compared with 3.12 cents in October of last year and 3.93 cents in September of 1970. For the period Jan.-Oct. 1970 the quotation has averaged 3.66 cents per pound compared with 3.45 cents during those months of last year. The average for October of this year is the highest of any month since August 1964 when the quotation averaged 4.37 cents per pound.

The No. 11 Contract of the Exchange (world bulk stowed basis) which will replace the No. 8 contract at year-end 1970 averaged 3.92 cents per pound in October, up from 3.86 cents in September. The difference in the quotation which primarily reflects the costs of bags and bagging has averaged .07 cent per pound since September.

The world quotations began November on a strong note, 4.15 cents and 4.08 cents per pound for the No. 8 and the No. 11 contracts, respectively. They continued to strengthen and on Nov. 5 reached a peak for the year -- 4.30 cents for the No. 8 Contract and 4.23 cents for the No. 11 Contract. Since then the quotations have weakened, falling to 4.01 cents and 3.95 cents per pound, respectively during the period Nov. 16-19, but on Nov. 20 the quotation for the No. 8 Contract again rose to 4.30 cents per pound and that of the No. 11 Contract to 4.20 cents. On November 24 the No. 8 Contract was quoted at 4.23 cents per pound and for the Nov. 1-24 period averaged 4.18 cents, compared with 3.11 cents during this period of last year.

The International Sugar Council, meeting in London on Nov. 18, decided to establish the initial 1971 export quotas for producer members of the International Sugar Agreement at 95 percent of the basic tonnages set up under the pact. The Council indicated that it does not expect to take any further action to increase the quotas for the balance of 1970 that are presently set at 90 percent of the basic tonnages but stated that this decision should not be regarded as precedent making.

F. O. Licht, the European sugar statistician on Nov. 20 estimated world sugar production from the 1970-71 crop at 73.25 million metric tons, down slightly from the 1969-70 crop which he estimated at 73.4 million tons. The production estimate for the 1970-71 period is also somewhat less than the consumption for that period expected by most observers.

ADMINISTRATIVE ACTIONS RELATING TO 1971 SUGAR SUPPLIESSugar Requirements for 1971 Proposed

The United States Department of Agriculture on Nov. 9, 1970 announced that consideration is being given to:

(1) A determination that the amount of sugar needed to meet the requirements of consumers in the continental United States for calendar year 1971 is 10.9 million short tons, raw value;

(2) The establishment of annual quotas for domestic areas and foreign countries totaling that amount; and

(3) The authorization of charges to the quotas for foreign countries of 800,000 tons of raw sugar during the first quarter of the year plus the quantity of 1971 quota raw sugar imported this year for refining and storage under bond.

All applications for set-asides of quota for the importation of raw sugar from foreign countries in the first quarter of 1971 received on or before a date to be announced in the final order would be considered by giving first priority to average importations in the first quarter of the three years 1968 to 1970 inclusive but with minimum allocations of 5,000 tons to countries with average first quarter importations of less than 5,000 tons, and second priority to permitting importations from countries with insufficient history of up to 20 percent of their annual quotas in the first quarter. Any remaining sugar to be allocated against such applications would be prorated on the basis of average importations, 1968 through 1970.

Presently, requirements for 1970 are at the high level of 11.6 million tons after having been established initially at 10.8. Successive increases during the summer were needed to obtain sufficient raw sugar in timely fashion. Supplies from certain sources were temporarily interrupted by strikes and ocean shipping problems.

Excerpts from the substantive portion of the statement of Bases and Considerations contained in the Notice of Proposed Rule Making, which is set forth in form and language appropriate for issuance of a final order, are as follows:

"During the year which ended Sept. 30, 1970, about 11,150,000 short tons, raw value, of sugar, was distributed by primary distributors. It was during that period that numerous products containing cyclamates were removed from the market. In their place a number of newly formulated dietetic products usually containing a mixture of saccharin and sugar were developed and placed on the market. Similarly, there were some new products containing only sugar as a sweetener. Quantities of sugar were required to create a working level of inventories of the new products. Once the pipelines were filled, the related portion of sugar distribution became non-repeating except to the extent that increasing sales of these products in the future would require increasing inventories. This non-repeating quantity is difficult to estimate but has been assumed to be about 150,000 tons. Population is increasing at the rate of about 1.1 percent annually or about 1.375 percent for the elapsed time between the twelve-month base period and the calendar year 1971. If sugar consumption increases in the same ratio, about 150,000 additional tons will be needed which would offset the effects of the filled pipelines and 1971 sugar consumption would be expected to amount to about 11,150,000 tons. Assuming relatively small, if any, change in the inventories of food processors and secondary distributors, sugar distribution would be about the same.

"About 65,000 tons of sugar annually is lost in the cane sugar refining process. Thus, it would appear that quota supplies of 11,215,000 tons for the year 1971 would meet distribution requirements and maintain refiners' inventories at the beginning-of-the-year level. It now appears that refiners' inventories of quota sugar at the beginning of 1971 will be about 235,000 tons larger than a year earlier and that during next year those inventories will probably recede to the lower more normal level.

"During the first 10 months of 1970, the domestic price of raw sugar fluctuated from a low of 7.90 cents per pound as an average for March and April to a high of 8.22 cents per pound as an average for June. The average for the 10 month period was 8.09 cents per pound or 4.5 percent more than the 7.74 cents per pound average for the first 10 months of 1969. The price on November 2 was 8.05 cents per pound, or 96.4 percent of the price referred to in Section 201 of the Act. In the development of this determination, consideration has been given to the desirability of obtaining generally stable prices that will carry out, over the long term, the price objectives of the Act.

"To allow a margin for the probable reduction of inventories of quota sugar during 1971, to provide a margin for error and for price consideration, a determination of 10.9 million tons appears appropriate. Accordingly, it is hereby determined that the amount of sugar needed to meet the requirements of consumers in the continental United States during 1971 is 10,900,000 short tons, raw value.

"In general, sugar production in countries with United States sugar quotas is heaviest in the first five months of the year while consumption in the United States is greatest in the following four months - June through September. Because of storage limitations, many producers in foreign countries are inclined to ship in large quantities during the production season. The desire to minimize carrying costs, especially at this time when interest rates are high, and the need for operating funds during the production season have a similar effect. Furthermore, the raw sugar produced in the mainland cane area is marketed heavily just before and after the turn of the year.

"In view of these circumstances and to relate the importation of sugar to the needs of the market in a more orderly fashion, it is hereby determined that the importation of foreign sugar within the quotas before April 1 will be limited to 800,000 short tons, raw value, plus the quantity of sugar imported this year for refining and storage under bond for charge to 1971 quotas."

The Notice of Proposed Rule Making is scheduled for publication in the Federal Register of Nov. 13, 1970. All persons are afforded the opportunity to submit written data, views and arguments prior to Nov. 30, 1970. They should be mailed to the Director, Sugar Division, Agricultural Stabilization and Conservation Service, U. S. Department of Agriculture, Washington, D.C., 20250.

Proposed 1971 quotas for domestic areas and foreign countries and average imports of raw sugar into the continental United States, within quotas, for the first quarter of the years 1968 through 1970, inclusive, are as follows:

Production Area	Basic quotas	Temporary quotas and prorations pursuant to Sec. 202(d) 1/	Total quotas and prorations	Average imports into the United States during 1968, 1969, and 1970 2/
				First quarter
Short tons, raw value				
Domestic beet area	3,263,333		3,263,333	
Mainland cane area	1,186,667		1,186,667	
Hawaii	1,180,000		1,180,000*	
Puerto Rico	1,140,000		1,140,000*	
Virgin Islands	15,000		15,000	
Total	6,785,000		6,785,000	
Philippines	1,126,020		1,126,020	153,356
Mexico	229,862	246,665	476,527	161,485
Dominican Republic	224,807	241,241	466,048	146,203
Brazil	224,807	241,241	466,048	151,780
Peru	179,310	192,419	371,729	84,044
British West Indies	89,804	74,275	164,079	30,260
Ecuador	32,710	35,101	67,811	8,696
French West Indies	28,249	23,365	51,614	16,261
Argentina	27,655	29,676	57,331	30,617
Costa Rica	26,465	28,400	54,865	15,856
Nicaragua	26,465	28,400	54,865	8,062
Colombia	23,789	25,528	49,317	10,867
Guatemala	22,302	23,932	46,234	32,290
Panama	16,652	17,870	34,522*	7,275
El Salvador	16,355	17,550	33,905	21,955
Haiti	12,489	13,403	25,892	1,073
Venezuela	11,300	12,126	23,426	10,093
British Honduras	6,542	5,411	11,953	3,096
Bolivia	2,676	2,872	5,548	39
Honduras	2,676	2,872	5,548	5,360
Australia	107,051	87,914	194,965	3,268
Republic of China	44,604	36,631	81,235	3,418
India	42,820	35,166	77,986	2,162
South Africa	31,520	25,886	57,406	36,295
Fiji Islands	23,492	19,292	42,784	1,314
Thailand	9,813	8,059	17,872	0
Mauritius	9,813	8,059	17,872	584
Malagasy Republic	5,055	4,151	9,206	82
Swaziland	3,866	3,175	7,041	344
Ireland	5,351		5,351*	
Bahamas	10,000		10,000	2,862
Total foreign	2,624,320	1,490,680	4,115,000	
Total	9,409,320	1,490,680	10,900,000	949,007

1/ Proration of the quotas withheld from Cuba and Southern Rhodesia.

2/ Basic data for primary consideration in prorating quarterly import limitations among foreign countries.

* Direct-consumption limits in tons: Hawaii - 37,278; Puerto Rico - 163,500
Philippines - 59,920; Panama - 3,817; Ireland - 5,351

ADMINISTRATIVE ACTIONSDate announcedNature of action

November 16,
1970

Announced the determination of fair and reasonable prices for 1970-crop sugarbeets.

The provisions of the 1969 crop determination are continued unchanged, except that where the processor in determining net proceeds makes a deduction for factory-site bulk sugar storage facilities owned by the processor, such deductions shall be as agreed upon between the processor and producer in cases where there is an agreement, but shall not exceed amortization, interest, taxes, insurance, maintenance, and operating costs. After the costs of the facilities, including improvements, have been recovered such deduction shall not exceed taxes, insurance, maintenance, and operating costs.

Producers received from processors an average payment of about \$13.10 per ton for 1969-crop beets. In addition, producers received Sugar Act payments of about \$2.10 per ton of beets.

Public hearings were held in five locations throughout the sugarbeet area during December 1969, at which time interested persons were afforded the opportunity to present testimony and make recommendations. (See Nov. 20, 1970 Federal Register).

November 19,
1970

Announced that a public hearing regarding allotment to processors of the 1971 sugar quota for the Mainland Cane Sugar Area will be held at Washington, D.C., in Room 4711, South Building, U. S. Department of Agriculture on Dec. 3, 1970, beginning at 9:30 a.m. (EST).

Date announcedNature of action

November 19,
1970 (cont'd)

Purpose of the hearing is to receive evidence which will enable the Administrator, Agricultural Stabilization and Conservation Service, to establish fair, efficient and equitable allotments of a portion of the 1971 quota for the area. Allotments similar to those in effect for the last five years now appear necessary to prevent disorderly marketing and to provide each mainland cane sugar processor an equitable opportunity to market sugar within the 1971 quota, USDA officials said.

Another public hearing will be held early in 1971 to develop the basis for allotting the entire 1971 quota, when more of the pertinent data on 1970 marketings, Jan. 1, 1971, inventories, and 1970 crop processings become available. (See Nov. 1970 Federal Register).

November 19,
1970

Announced a series of public hearings on wage rates and prices for the 1971 crop of sugarbeets.

The hearings will be held between Dec. 7 and Dec. 16, 1970, in the following cities within the major producing and labor supply regions of the sugarbeet area:

At Detroit, Michigan, on Dec. 7, in the Shelby Room of the Pick-Fort Shelby Hotel, beginning at 9:30 a.m.;

At Moorhead, Minnesota, on Dec. 9, in the Minnesota Room of the Holiday Inn, Highways 75 and I-94, beginning at 9:30 a.m.;

At Richland, Washington, on Dec. 11, in the Isabella Meeting Room of the Rivershore Inn, beginning at 9:30 a.m.;

Date announcedNature of action

November 19,
1970

At San Francisco, California, on Dec. 14, in Room 14216, Federal Building, 450 Golden Gate Avenue, beginning at 9:30 a.m.;

At San Antonio, Texas, on Dec. 14, in the John F. Kennedy High School Auditorium, 1922 South General McMullen Drive, beginning at 9:30 a.m.;

At Denver, Colorado, on Dec. 16, in Room 269, U. S. Post Office, 1823 Stout Street, beginning at 9:30 a.m.

The series will be considered as one hearing, and testimony at each place will constitute a part of the same record. Persons may present testimony at any of the designated places.

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. October 1970 sugar deliveries for continental U. S. consumption 929,000 short tons, raw value (preliminary), down about 150,000 tons from September 1970 and up 1,000 tons from October 1969. January-October 1970 deliveries 9,468,000 short tons, raw value (preliminary), up 530,000 tons from January-October 1969. Final data for September 1970 deliveries 1,079,000 short tons, raw value, previously published preliminary as 1,061,000 tons.
2. Primary distributors' stocks October 31, 1970 were 1,398,000 short tons, raw value (preliminary) down 249,000 tons from a year ago, and up 353,000 tons from end September 1970. During October refiners' stocks decreased by 13,000 tons, beet processors' stocks increased by 372,000 tons, mainland cane processors' stocks decreased by 1,000 tons, and importers of direct consumption sugar stocks decreased 6,000 tons.
3. Charges to 1970 quotas through October 31, 1970 were 9,763,446 short tons, raw value, leaving a balance of 1,836,554 tons to be supplied within the 11,600,000 ton total..
4. Regionally, January-September deliveries, 1970 as compared to 1969 were up in all of the 5 regions: Increases--North Central 10.1 percent, mid-Atlantic 4.9 percent, South 4.8 percent, West 4.7 percent and New England 1.4 percent.

Table 1. - Sugar supply and disposition by primary distributors, January-September 1970

(Short tons, raw value)

Item	Beet proc- essors ^{1/}	Importers	Main- land cane proc- essors ^{1/}	Refiners		Net total
	(1)	(2)	(3)	Raw (4)	Refined (5)	(6)
SUPPLY						
1. <u>Inventory Jan.1,1970</u>	1,413,235	9,904	412,114	694,885 ^{2/}	268,967 ^{2/}	2,799,105
2. <u>Production and movement</u>						
a. Received as direct- consumption sugar	0	120,004	0	0	6,724	126,728
b. Produced from beets or cane	1,620,029	0	338,441	0	0)	1,281,305 ^{3/}
Less deliveries to refiners	0	0	677,165	0	0)	
c. Receipts of raws by refiners	0	0	0	5,539,795 ^{4/}	0)	-217,113 ^{5/}
Less raws melted	0	0	0	5,756,908	0)	
d. Refined from raws melted	0	0	0	0	5,708,955	5,708,955
e. Adjustments	- 2,329	0	-481	-122	-3,932	-6,862
f. Sub-total	1,617,700	120,004	-339,205	-217,235	5,711,749	6,893,013
3. <u>Net total supply</u>	3,030,935	129,908	72,909	477,650	5,980,716	9,692,118
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	2,707,358	116,852	41,968	12,943	5,659,520	8,538,641
b. Export	0	120	0	0	46,006	46,126
c. Livestock feed	0	1,251	0	142	42,739	44,132
d. Alcohol	0	0	0	0	17,638	17,638
e. Sub-total	2,707,358	118,223	41,968	13,085	5,765,903	8,646,537
5. <u>Inventory Sept.30,1970</u>	323,577	11,685	30,941	464,565 ^{6/}	214,813 ^{6/}	1,045,581
6. <u>Total distribution and inventory</u>	3,030,935	129,908	72,909	477,650	5,980,716	9,692,118

1/ Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

2/ Includes mainland cane sugar not charged to quota: Raws, 200,002; Refined, 23,486; Total, 223,488.

3/ Production less deliveries of raw sugar to refiners.

4/ Includes 677,165 tons received from mainland cane processors.

5/ Receipts of raw sugar by refiners less melt.

6/ Refiners' inventories include mainland cane sugar not charged to quota: Raws, 3,019; Refined, 0; Total, 3,019. Importers' inventory include 11,648 tons for quota exempt purposes.

Table 2.- Distribution of sugar by primary distributors, January-September 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Continental United States			
Refiners' raw	13,085	12,473	+612
Refiners' refined	5,765,903	5,582,899	+183,004
Sub-total	5,778,988	5,595,372	+183,616
Beet processors' refined	2,707,358	2,387,887	+319,471
Importers' direct consumption	118,223	117,056	+1,167
Mainland sugarcane processors'	41,968	39,883	+2,085
Total	8,646,537	8,140,198	+506,339
For: Export	46,126	65,089	-18,963
Livestock feed	44,132	35,561	+8,571
Alcohol	17,638	15,878	+1,760
Continental consumption ^{1/}	8,538,641	8,023,670	+514,971
Puerto Rico	95,000 ^{2/}	96,289	-1,289
Hawaii	27,318	26,438	+880

^{1/} Includes deliveries for United States military forces at home and abroad.

^{2/} Estimated

Table 3.- Stocks of sugar held by primary distributors in the continental United States, September 30, 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	464,565	529,079	-64,514
Refiners' refined	214,813	278,138	-63,325
Sub-total ^{1/}	679,378	807,217	-127,839
Beet processors' refined	323,577	489,165	-165,588
Importers' direct consumption	11,685	9,182	+2,503
Mainland sugarcane processors'	30,941	89,818	-58,877
Total	1,045,581	1,395,382	-349,801

^{1/} Included mainland cane sugar not charged to quota: 1970-Raws, 3,019; Refined, 0; Total, 3,019; 1969 - Raws, 0; Refined, 0; Total, 0.

Table 4.- Distribution of sugar by primary distributors in the continental United States, October and January-October 1970 and 1969

Item	1970 ^{1/}		1969	
	October	Jan.-Oct.	October	Jan.-Oct.
Short tons, raw value				
Refiners	669,149	6,448,137	624,838	6,220,210
Beet processors' refined	241,720	2,949,078	281,513	2,669,400
Importers' direct consumption	13,448 ^{2/}	131,671	17,607	134,663
Mainland sugarcane processors'	5,000	46,968	4,019	43,902
Total	929,317	9,575,854	927,977	9,068,175
For: Export	n.a.	46,126	9,756	74,845
Livestock feed	n.a.	44,132	2,778	38,339
Alcohol	n.a.	17,638	1,566	17,444
Continental consumption ^{3/}	929,317	9,467,958	913,877	8,937,547

^{1/} Preliminary. ^{2/} Estimated. ^{3/} Includes deliveries for U.S. military forces at home and abroad.

Table 5.- Stocks of sugar held by primary distributors in the continental United States, October 31, 1970 and 1969

Item	1970 ^{1/}	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	454,765	486,981	-32,216
Refiners' refined	211,594	298,442	-86,848
Sub-total	666,359	785,423	-119,064
Beet processors' refined	696,041	768,763	-72,722
Importers' direct consumption	6,051 ^{2/}	7,887	-1,836
Mainland sugarcane processors'	30,000	85,679	-55,679
Total	1,398,451	1,647,752	-249,301

^{1/} Preliminary

^{2/} Estimated

Table 6.-Mainland sugar: Production and quota charges January-September 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
<u>Production</u>			
Mainland cane	337,419	320,148	+17,271
Domestic beet	1,617,700	1,494,400	+123,300
Total	1,955,119	1,814,548	+140,571
<u>Quota charges</u>			
Mainland cane:			
Louisiana sugarcane processors			
For further processing	299,863	340,512	-40,649
For direct-consumption	7,615	8,822	-1,207
Louisiana processor-refiners	92,883	108,763	-15,880
Florida sugarcane processors	538,700	522,970	+15,730
Sub-total	939,061	981,067	-42,006
Beet processors	2,707,358	2,387,887	+319,471
Total	3,646,419	3,368,954	+277,465

Table 7.- Receipts of quota-exempt and over-quota sugar included in Table 8

Purpose	Refiners		Importers		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
<u>For export</u>						
Argentina	1,759				1,759	
Brazil	16,035	22,493	120	106	16,155	22,599
Colombia		6,001				6,001
Dominican Republic	16,334				16,334	
El Salvador		8,334				8,334
France	8,254				8,254	
Guatemala	5,890				5,890	
Hawaii	1,013	1,016			1,013	1,016
Honduras	3,160				3,160	
Puerto Rico	308	232			308	232
South Africa		7,587				7,587
Total	52,753	45,663	120	106	52,873	45,769
<u>For livestock</u>						
Belgium				2,396		2,396
Brazil	12,797	4,878			12,797	4,878
Dominican Republic	12,169				12,169	
El Salvador		2,649				2,649
France				4,032		4,032
South Africa	16,539				16,539	
Sweden				6,502		6,502
United Kingdom			3,503		3,503	
Total	41,505	7,527	3,503	12,930	45,008	20,457
<u>For alcohol</u>						
Brazil		10,248				10,248
Colombia		5,747				5,747
Dominican Republic	6,660				6,660	
El Salvador		4,933				4,933
Total	6,660	20,928			6,660	20,928
<u>Held pending availability of quota</u>						
Bahamas		209				209
Guatemala		2,986				2,986
Honduras		375				375
South Africa	819	42			819	42
Thailand	847				847	
Total	1,666	3,612			1,666	3,612
<u>In Customs custody</u>						
Hong Kong				47		47
Reunion		11,491				11,491
Total		11,491		47		11,538
GRAND TOTAL	102,584	89,221	3,623	13,083	106,207	102,304

Table 8. Sugar receipts of refiners and importers by source of supply^{1/} January-September 1970 and 1969

Source of supply	Raw sugar		Direct consumption sugar		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
<u>OFFSHORE</u>						
<u>Foreign</u>						
Argentina	65,713	28,029			65,713	28,029
Australia	75,744	49,880			75,744	49,880
Bahamas	9,790	10,209			9,790	10,209
Belgium				2,406		2,406
Brazil	515,835	568,567	120	106	515,955	568,673
British Honduras	11,519	12,729			11,519	12,729
British West Indies	129,338	153,153	1		129,339	153,153
China, Republic of	67,905	69,456			67,905	69,456
Colombia	59,099	74,381	8	10	59,107	74,391
Costa Rica	63,321	52,178			63,321	52,178
Denmark			10	10	10	10
Dominican Republic	619,435	522,071			619,435	522,071
Ecuador	32,767	67,661			32,767	67,661
El Salvador	37,008	40,438			37,008	40,438
Fiji Islands	12,178	31,594			12,178	31,594
France	8,254			4,042	8,254	4,042
French West Indies	65,339	69,138			65,339	69,138
Germany, West			10	10	10	10
Guatemala	61,933	53,172			61,933	53,172
Haiti	20,459	17,426			20,459	17,426
Honduras	9,855	2,211			9,855	2,211
Hong Kong				46		46
India	40,970	55,750	5	3	40,975	55,753
Ireland			5,351	5,344	5,351	5,344
Mexico	625,861	620,616		4	625,861	620,620
Netherlands			10	10	10	10
Nicaragua	63,928	44,390	1		63,929	44,390
Panama	32,962	34,438	2,808	2,579	35,770	37,017
Paraguay			10	10	10	10
Peru	244,848	147,004			244,848	147,004
Philippines	963,771	810,264	7,263	2,397	971,034	812,661
Reunion		11,491				11,491
South Africa	78,051	64,255			78,051	64,255
Sweden			6	6,511	6	6,511
Thailand	19,772	17,850			19,772	17,850
United Kingdom			3,503		3,503	
Venezuela	30,982	16,855			30,982	16,855
Total	3,966,637	3,645,206	19,106	23,488	3,985,743	3,668,694
<u>Domestic</u>						
Hawaii	697,635	843,162	6,724	4,011 ^{2/}	704,359	847,173
Puerto Rico	196,611	183,755	100,898	91,251	297,509	275,006
Virgin Islands	0	0	0	0	0	0
Total	894,246	1,026,917	107,622	95,262	1,001,868	1,122,179
Total offshore	4,860,883	4,672,123	126,728	118,750	4,987,611	4,790,873
Mainland cane area	677,165	651,155	0 ^{3/}	0 ^{3/}	677,165	651,155
Acquired for reprocessing and samples	1,747	1,685	0	0	1,747	1,685
GRAND TOTAL	5,539,795	5,324,963	126,728	118,750	5,666,523	5,443,713

1/ Includes sugar as detailed in Table 7. 2/ Refined sugar received by refiners.

3/ Refined sugar produced direct from cane by processor-refiner.

Table 9.- Status of 1970 quotas and charges as of October 31, 1970

Source of supply	Quotas and prorations	Total charges to quotas 1/2/3/	Balances 2/
Short tons, raw value			
Domestic beet sugar	3,597,000	2,949,078	647,922
Mainland cane sugar	1,308,000	1,015,000	293,000
Hawaii	1,145,486 ^{4/}	923,122	222,364
Puerto Rico	360,000	341,907	18,093
Virgin Islands	0	0	0
Total	6,410,486	5,229,107	1,181,379
Republic of the Philippines	1,301,020	1,129,916	171,104
Argentina	78,509	67,724	10,785
Australia	206,270	170,633	35,637
Bahamas	10,000	9,998	2
Bolivia	7,599	0	7,599
Brazil	638,210	594,895	43,315
British Honduras	15,782	12,279	3,503
British West Indies	216,645	164,328	52,317
China, Republic of	85,946	85,946	
Colombia	67,537	65,308	2,229
Costa Rica	75,133	73,148	1,985
Dominican Republic	678,209	631,355	46,854
Ecuador	92,860	39,121	53,739
El Salvador	46,429	46,429	
Fiji Islands	45,265	29,226	16,039
French West Indies	68,149	68,149	
Guatemala	63,314	63,314	
Haiti	26,176	20,435	5,741
Honduras	7,599	7,599	
India	82,508	72,503	10,005
Ireland	5,351	5,350	1
Malagasy Republic	9,740		9,740
Mauritius	18,909	184	18,725
Mexico	652,559	648,905	3,654
Nicaragua	75,133	63,928	11,205
Panama	39,500	36,509	2,991
Peru	455,991	309,084	146,907
South Africa	60,735	60,735	
Swaziland	7,448	7,448	
Thailand	18,909	18,909	
Venezuela	32,079	30,981	1,098
Total foreign	5,189,514	4,534,339	655,175
Grand total	11,600,000	9,763,446	1,836,554

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances; Hawaii, 7,913 and 31,759; Panama, 3,566 and 251; Philippines 9,480 and 50,440; Puerto Rico, 110,534 and 63,466; Ireland, 5,350 and 1.

3/ Includes raw sugar for direct consumption: Hawaii - 26; Puerto Rico - 0.

4/ Despite deficits declared, the full basic quota remains available.

Table 10-Quota-exempt and over quota sugar authorized for entry as of October 31, 1970 1/

Country	Reexport	Feed	Alcohol	For refining under bond	Total
Short tons, raw value					
Argentina	1,759				1,759
Australia		8,644			8,644
Brazil	16,169	12,797			28,966
Canada		4			4
Dominican Republic	21,536	12,169	6,660		40,365
El Salvador				2,321	2,321
France	8,255				8,255
French West Indies				341	341
Guatemala	5,890			2,994	8,884
Honduras	3,160	27		380	3,567
Reunion	7,532				7,532
South Africa		16,539		819	17,358
Thailand				847	847
United Kingdom		5,258			5,258
Total	64,301	55,438	6,660	7,702	134,101

1/ In addition: (a) Under provisions of Sec. 212, 318 tons were entered as liquid sugar in small containers; 83 tons as the first ten tons; (b) Raw sugar was brought in for refining and return to; Hawaii-1,013 tons; Puerto Rico, 308 tons; (c) Tons of Sugar in Customs Custody for subsequent entry: Hong Kong 37 tons.

Table 1] - Primary distribution of sugar, continental United States, by States, September 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
<u>New England</u>					
Connecticut	106,207	1,000	7,065		114,272
Maine	46,302	-2,000	1,914		46,216
Massachusetts	463,385	4,124	13,962		481,471
New Hampshire	36,445		2,719		39,164
Rhode Island	5,631		6,307		11,938
Vermont	46,871				46,871
Sub-total	704,841	3,124	31,967		739,932
<u>Mid-Atlantic</u>					
New Jersey	859,698	1,121	82,478		943,297
New York	1,488,710	15,171	64,030		1,567,911
Pennsylvania	1,258,100	6,504	69,108		1,333,712
Sub-total	3,606,508	22,796	215,616		3,844,920
<u>North Central</u>					
Illinois	961,292	1,394,094	400	600	2,356,386
Indiana	466,500	146,444			612,944
Iowa	63,316	209,604			272,920
Kansas	45,355	136,885		200	182,440
Michigan	312,329	355,105			667,434
Minnesota	40,615	325,152			365,767
Missouri	310,452	171,188		800	482,440
Nebraska	43,292	148,171			191,463
North Dakota	46	42,512			42,558
Ohio	836,343	307,877	400		1,144,620
South Dakota	1,438	33,825			35,263
Wisconsin	154,027	364,336			518,363
Sub-total	3,235,005	3,635,193	800	1,600	6,872,598
<u>Southern</u>					
Alabama	233,889				233,889
Arkansas	119,419	5,000			124,419
Delaware	200,234				200,234
District of Columbia	25,927		100		26,027
Florida	383,315			85,842	469,157
Georgia	631,052			1,896	632,948
Kentucky	196,457	3,360			199,817
Louisiana	357,786			-3	357,783
Maryland	472,968		22,672		495,640
Mississippi	131,425				131,425
North Carolina	387,572		2,411		389,983
Oklahoma	114,917	34,481			149,398
South Carolina	196,897		1		196,898
Tennessee	372,363	22	500		372,885
Texas	757,968	186,225		1	944,194
Virginia	316,916		16,109	2,050	335,075
West Virginia	101,713	1,800	1,200		104,713
Sub-total	5,000,818	230,888	42,993	89,786	5,364,485
<u>Western</u>					
Alaska	679	2,545			3,224
Arizona	10,213	74,174			84,387
California	259,592	2,086,011	33,600		2,379,203
Colorado	15,402	151,485			166,887
Idaho	1,918	50,665			52,583
Montana	3,357	33,250			36,607
Nevada	3,493	9,134			12,627
New Mexico	3,926	23,419			27,345
Oregon	20,738	233,241			253,979
Utah	2,240	88,038			90,278
Washington	25,300	328,357			353,657
Wyoming	1,970	7,969			9,939
Sub-total	348,828	3,088,288	33,600		3,470,716
Grand total	12,896,000	6,980,289	324,976	91,386	20,292,651

1/ Reported as produced or imported and delivered except, liquid sugar which is on a sugar solids content basis.

Table 12.- Primary distribution of sugar, continental United States, by States, January-September 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights ^{1/}					
New England					
Connecticut	955,237	23,670	44,031	200	1,023,138
Maine	387,017	23,731	7,351		418,099
Massachusetts	3,900,282	147,888	58,691	1,200	4,108,061
New Hampshire	264,391	2,185	7,485		274,061
Rhode Island	250,441	31,575	22,426		304,442
Vermont	195,679	11,103			206,782
Sub-total	5,953,047	240,152	139,984	1,400	6,334,583
Mid-Atlantic					
New Jersey	7,193,611	11,909	570,140	1,200	7,776,860
New York	11,689,803	357,326	571,175		12,618,304
Pennsylvania	9,841,595	207,599	427,711		10,476,905
Sub-total	28,725,009	576,834	1,569,026	1,200	30,872,069
North Central					
Illinois	6,426,463	12,217,282	10,600	46,900	18,701,245
Indiana	3,531,876	1,140,231	2,800		4,674,907
Iowa	459,930	1,475,852			1,935,782
Kansas	392,503	925,632		3,030	1,321,165
Michigan	2,803,962	3,297,922		1	6,101,885
Minnesota	309,673	2,103,458			2,413,131
Missouri	2,609,187	1,471,023		5,980	4,086,190
Nebraska	182,784	1,229,336			1,412,120
North Dakota	6,904	296,765			303,669
Ohio	6,198,579	2,162,974	2,000	10,000	8,373,553
South Dakota	21,149	246,181			267,330
Wisconsin	1,285,590	2,125,505			3,411,095
Sub-total	24,228,600	28,692,161	15,400	65,911	53,002,072
Southern					
Alabama	2,038,717			9,334	2,048,051
Arkansas	941,054	97,221		8	1,038,283
Delaware	1,504,244		1,320		1,505,564
District of Columbia	321,859		1,000		322,859
Florida	3,473,554		400	621,785	4,095,739
Georgia	5,322,879		1,680	12,596	5,337,155
Kentucky	1,846,380	5,721			1,852,101
Louisiana	3,056,685			23,764	3,080,449
Maryland	4,033,627	5	223,135	5,697	4,262,464
Mississippi	1,164,215			130	1,164,345
North Carolina	3,178,293		14,390	99	3,192,782
Oklahoma	958,206	303,002		1	1,261,209
South Carolina	1,634,226		3,965		1,638,191
Tennessee	3,142,214	-21	1,740		3,143,933
Texas	6,639,164	1,403,081	60	44,010	8,086,315
Virginia	2,355,004		71,586	2,050	2,428,640
West Virginia	676,700	11,960	9,900		698,560
Sub-total	42,287,021	1,820,969	329,176	719,474	45,156,640
Western					
Alaska	14,918	30,681			45,599
Arizona	219,749	457,749			677,498
California	4,238,780	13,106,762	65,404		17,410,946
Colorado	179,599	1,156,016			1,335,615
Idaho	23,213	268,873			292,088
Montana	31,344	240,898			272,242
Nevada	53,353	45,391			98,744
New Mexico	49,357	162,573			211,930
Oregon	355,539	1,357,585	13,237		1,726,361
Utah	68,953	599,319			668,272
Washington	422,835	1,793,789	51,089		2,267,713
Wyoming	17,381	55,063			72,444
Sub-total	5,675,021	19,274,701	129,730		25,079,452
Grand total	106,868,698	50,604,817	2,183,316	787,985	160,444,816

^{1/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13.- Primary distribution of sugar, continental United States, by states, January-September 1970

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors ^{1/}	
	1970	1969	1970	1969	1970	1969
Thousands of hundredweights ^{2/}						
<u>New England</u>						
Connecticut	955	915	24	23	1,023	1,008
Maine	387	389 ^{3/}	24	33	418	424 ^{3/}
Massachusetts	3,900	3,796 ^{3/}	148	156	4,108	4,001 ^{3/}
New Hampshire	264	296	2	8	274	304
Rhode Island	251	288	31	29	305	332
Vermont	196	173	11	4	207	177
Sub-total	5,953	5,857	240	253	6,335	6,246
<u>Mid-Atlantic</u>						
New Jersey	7,194	6,582	12	128	7,777	7,217
New York	11,690	11,187	357	512	12,618	12,318
Pennsylvania	9,841	8,797	208	665	10,477	9,891
Sub-total	28,725	26,566	577	1,305	30,872	29,426
<u>North Central</u>						
Illinois	6,426	6,413	12,217	10,195	18,701	16,669
Indiana	3,532	3,170	1,140	1,179	4,675	4,349
Iowa	460	517	1,476	1,302	1,936	1,819
Kansas	392	411	926	771	1,321	1,185
Michigan	2,804	2,386	3,298	3,049	6,102	5,435
Minnesota	310	324	2,103	1,877	2,413	2,206
Missouri	2,609	2,548	1,471	1,316	4,086	3,870
Nebraska	183	127	1,229	1,149	1,412	1,278
North Dakota	7	2	297	238	304	240
Ohio	6,199	5,381	2,163	2,246	8,374	7,637
South Dakota	21	16	246	241	267	259
Wisconsin	1,285	1,131	2,126	2,067	3,411	3,198
Sub-total	24,228	22,426	28,692	25,630	53,002	48,145
<u>Southern</u>						
Alabama	2,039	2,038			2,048	2,046
Arkansas	941	892	97	92	1,038	984
Delaware	1,504	1,300		39	1,506	1,342
District of Columbia	322	315		4	323	321
Florida	3,474	3,058			4,096	3,625
Georgia	5,323	5,457			5,337	5,471
Kentucky	1,846	1,779	6	50	1,852	1,829
Louisiana	3,057	2,999			3,080	3,022
Maryland	4,034	3,511		46	4,262	3,749
Mississippi	1,164	1,141			1,164	1,141
North Carolina	3,178	3,226			3,193	3,235
Oklahoma	958	907	303	364	1,261	1,273
South Carolina	1,634	1,463			1,638	1,463
Tennessee	3,142	3,103		6	3,144	3,111
Texas	6,639	5,478	1,403	1,989	8,086	7,512
Virginia	2,355	2,273		13	2,429	2,324
West Virginia	677	636	12	4	699	645
Sub-total	42,287	39,576	1,821	2,607	45,156	43,093
<u>Western</u>						
Alaska	15	28	31	22	46	51
Arizona	220	282	458	277	678	559
California	4,239	7,100	13,107	9,539	17,411	16,663
Colorado	180	200	1,156	1,029	1,336	1,229
Idaho	23	35	269	278	292	313
Montana	31	30	241	221	272	251
Nevada	53	77	45	30	98	107
New Mexico	49	57	163	137	212	194
Oregon	356	562	1,357	1,182	1,727	1,752
Utah	69	76	599	581	668	657
Washington	423	608	1,794	1,480	2,268	2,102
Wyoming	17	7	55	62	72	69
Sub-total	5,675	9,062	19,275	14,838	25,080	23,947
Grand total	106,868	103,487	50,605	44,633	160,445	150,857

^{1/} Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.^{2/} Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.^{3/} Revised.

Table 14. Sugar prices

Period	Raw cane sugar—spot price		Quota premium and discount 3/	Refined beet sugar quoted wholesale (gross) 4/		
	Domestic	"World"		Eastern	Chicago-West	Pacific Coast
	sugar at NY	sugar 2/				
	duty paid 1/					
Cents per pound						
1965-69 Monthly average	7.26	2.26	+4.03	9.69	9.69	9.88
1968 Monthly average	7.52	1.98	+4.56	9.94	9.94	10.35
1969 Monthly average	7.75	3.37	+3.38	10.23	10.23	10.14
1969						
November	7.79	3.08	+3.71	10.35	10.35	10.16
December	7.73	2.86	+3.87	10.35	10.35	9.81
1970						
January	8.11	3.12	+3.91	10.50	10.50	10.38
February	7.96	3.23	+3.61	10.58	10.58	10.50
March	7.90	3.44	+3.34	10.85	10.85	10.50
April	7.90	3.62	+3.16	10.85	10.85	10.50
May	8.16	3.75	+3.26	10.85	10.85	10.70
June	8.22	3.82	+3.25	11.20	11.20	10.70
July	8.16	3.86	+3.15	11.20	11.20	10.70
August	8.19	3.89	+3.15	11.20	11.20	10.70
September	8.16	3.93	+3.08	11.35	11.35	11.20
October	8.14	3.99	+3.00	11.45	11.45	11.20
Last 12-month average	8.04	3.55	+3.37	10.89	10.89	10.59
Refined cane sugar - quoted wholesale (gross) 4/						
	North	South	Gulf	Chicago-West	Pacific Coast	Retail U.S. average
	East	East				
Cents per pound						
1965-69 Monthly average	10.70	10.24	10.10	9.80	9.88	12.12
1968 Monthly average	10.84	10.59	10.45	9.94	10.35	12.18
1969 Monthly average	11.44	10.85	10.50	10.23	10.14	12.40
1969						
November	11.70	11.00	10.65	10.35	10.16	12.48
December	11.70	11.00	10.65	10.35	9.81	12.48
1970						
January	11.70	11.06	10.80	10.50	10.38	12.54
February	11.70	11.20	10.87	10.58	10.50	12.58
March	11.70	11.20	10.90	10.85	10.50	12.70
April	11.70	11.20	10.90	10.85	10.50	12.76
May	11.88	11.20	10.90	10.85	10.70	12.84
June	12.05	11.43	11.15	11.20	10.70	12.92
July	12.05	11.50	11.15	11.20	10.70	13.04
August	12.05	11.50	11.15	11.20	10.70	13.12
September	12.20	11.65	11.15	11.35	11.20	13.16
October	12.20	11.65	11.15	11.45	11.20	13.22
Last 12-month average	11.89	11.30	10.95	10.89	10.59	12.82

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cent per pound.

2/ Spot prices are those under No. 8 Contract which is for bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .55¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports 81, January 1959, pages 5 to 9.

Table 15. Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined sugar wholesale North- east <u>1/</u>	Dextrose New York <u>2/</u>		Corn sirup New York <u>3/</u>		Dextrose relative to refined sugar		Corn sirup relative to refined sugar	
	Quoted	Dry basis <u>4/</u>	Quoted	Dry basis <u>4/</u>	Quoted	Dry basis	Quoted	Dry basis	
	Cents per pound					Percent			
1952	8.62	7.29	7.92	7.37	9.18	85	92	85	106
1953	8.72	7.35	7.99	7.32	9.12	84	92	84	105
1954	8.72	7.32	7.96	7.32	9.12	84	91	84	105
1955	8.59	7.22	7.85	7.25	9.03	84	91	84	105
1956	8.77	7.28	7.91	7.15	8.90	83	90	82	101
Average 1952-56	8.68	7.29	7.93	7.28	9.07	84	91	84	104
1957	9.15	7.65	8.32	7.36	9.17	84	91	80	100
1958	9.27	7.66	8.33	7.37	9.18	83	90	80	99
1959	9.33	7.48	8.13	7.31	9.10	80	87	78	98
1960	9.43	7.48	8.13	7.32	9.12	79	86	78	97
1961	9.40	7.45	8.10	7.23	9.00	79	86	77	96
Average 1957-61	9.32	7.54	8.20	7.32	9.11	81	88	79	98
1962	9.60	7.40	8.04	7.01	8.73	77	84	73	91
1963	11.94	8.37	9.10	7.38	9.19	70	76	62	77
1964	10.68	8.14	8.85	6.71	8.36	76	83	63	78
1965	10.22	8.00	8.70	6.64	8.27	78	85	65	81
1966	10.36	8.16	8.87	6.70	8.34	79	86	65	81
Average 1962-66	10.56	8.01	8.71	6.89	8.58	76	82	65	81
1967	10.62	8.37	9.10	6.75	8.40	79	86	64	79
1968	10.84	8.53	9.27	6.31	7.85	79	86	58	72
1969	11.44	8.98	9.77	6.26	7.80	78	85	55	68
<u>1969</u>									
November	11.70	9.16	9.96	6.43	8.01	78	85	55	68
December	11.70	9.16	9.96	6.43	8.01	78	85	55	68
<u>1970</u>									
January	11.70	9.16	9.96	6.45	8.03	78	85	55	69
February	11.70	9.17	9.97	6.50	8.09	78	85	56	69
March	11.70	9.24	10.04	6.50	8.09	79	86	56	69
April	11.70	9.24	10.04	6.50	8.09	79	86	56	69
May	11.88	9.24	10.04	6.50	8.09	78	85	55	68
June	12.05	9.24	10.04	6.50	8.09	77	83	54	67
July	12.05	9.41	10.23	6.54	8.14	78	85	54	68
August	12.05	9.52	10.35	6.90	8.59	79	86	57	71
September	12.20	9.52	10.35	7.26	9.04	78	85	60	74
October	12.20	9.61	10.45	7.26	9.04	79	86	60	74
Last 12-month average	11.89	9.31	10.12	6.65	8.28	78	85	56	70

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964 price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.

Table 16.- Refined sugar production and month-end stocks

Year and month	Production		Month-end stocks ^{1/}	
	Cane sugar refiners	Beet processors	Cane sugar refiners	Beet processors
1,000 short tons, raw value				
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
<u>1969</u>				
November	551	623	297	1,156
December	574	567	269	1,413
<u>1970</u>				
January	585	475	254	1,677
February	529	290	264	1,707
March	637	132	264	1,553
April	658	151	309	1,455
May	707	129	332	1,338
June	614	73	253	1,076
July	629	111	225	842
August	662	117	220	557
September	691 ^{2/}	140	215	324
October ^{3/}	665	614	212	696
Last 12-month average	625	285	260	1,150

^{1/} Includes over-quota and quota exempt^{2/} Revised^{3/} Preliminary

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